

Contractor License Review Board
111 S. Cherry Street, Room 211
Olathe, KS 66061
July 10, 2019
Agenda

- I.
- II. Call to Order
 - A. Chair, August Huber
- III. Approval of Minutes
 - A. June 12, 2019
- IV. Continuing Education Approval Report:
 - A. Submitted Courses for Committee to Review:
 - i. None
 - B. Administratively Approved Courses:
 - i. Kansas Roofing Association
 - 1. Covering the Codes (1.5 Hours DR Code Credit)
 - 2. Technical Update (1.5 Hours DR Code Credit)
 - ii. International Association of Electrical Inspectors – Missouri-Kansas Chapter
 - 1. 1 & 2 Family Dwellings – Personnel Protection – 2017 NEC (4 Hours DE Code Credit)
 - iii. Thermal Mechanics Inc.
 - 1. Proper Selection and Charging Procedures for R22 Replacement Blends (3 Hours DM Code Credit)
- V. Old Business
- VI. New Business
 - A. Timothy Sherman – Interior Architecture & Product Design Degree
 - B. Christie Construction Co Inc. – Requesting License Change
- VII. Adjournment

CONTRACTOR LICENSE REVIEW BOARD

111 S. Cherry Street, Suite 1000

Olathe, KS 66061

3:30 PM

MINUTES

July 10, 2019

Acting Chairman, Charlie Blair called the meeting to order at 3:49 p.m., with the following members present: Mitch Dringman, Larry Levy, Jim Brown David Elliott Charles Blair, and Bill Jones. Absent: August Huber, III, Don West and Eric Wimmer. Dr. Richard Bruce attended as guest.

Minutes

The minutes of the March 13, 2019 were submitted for review and approval. David Elliott moved they be accepted and Bill Jones seconded the motion. The motion passed.

Education Committee

Chairman, Dr. Richard Bruce, presented the Education Committee Report and the Committee's recommendations approved.

A. Submitted Courses for Committee to Review

- i. Johnstone Supply
 1. Air Distribution (2 Hours Non-Code Credit)
 2. Psychometrics (2 Hours Non-Code Credit)
- ii. Lennox VRF
 1. Lennox VRF Installation & Troubleshooting (8 Hours Code Credit)
- iii. Amsco Supply
 1. AC Service & Installation (2 Hours Code Credit)
 2. Impact of Motors on Airflow & Troubleshooting Symptoms (4 Hours Non-Code Credit)
- iv. Key Refrigeration Supply
 1. Commercial 7.5-12.5 tons (3 Hours Code Credit)
 2. Top Tech Ruud 90 Plus Gas Furnace (3 Hours Code Credit)
 3. 20 SEER Inverter Heat Pump Service Manual (3 hours Code Credit)
 4. Top Tech A/C Condensing Units (3 Hours Code Credit)
 5. Smart Thermostat 700 Sys (3 Hours Code Credit)
- v. Parts Electric Company Inc.
 1. Box Fill and Conductor Sizing (7.5 Hours Code Credit)
- vi. North Dakota State Electrical Board
 1. NDSEB/FGO – '17 NEC Services & Applications (ND # 17-154) (8 Hours Code Credit)
- vii. City of Topeka, Utilities Department/ Mid-America Assoc. of Conservation Districts
 1. Stormwater Management Sediment and Erosion Control Workshops: ABCs of BMPs. (4 Hours Non-Code Credit)

2. How to Perform a Construction Inspection (4 Hours Non-Code Credit)
- viii. American Fire Sprinkler Association
1. NFPA 13 Fire Sprinkler Systems (16 Hours Code Credit)
 2. Freeze Protection for Fire Protection Systems (5 Hours Code Credit)
 3. Fire Sprinkler Plan Review (8 Hours Code Credit)
 4. Step-by-Step Inspection and Testing (5 Hours Code Credit)
 5. Residential Fire Systems (8 Hours Code Credit)

B. Administratively Approved Courses:

- i. O'Connor Company Inc.
 1. Mitsubishi M & P Training Class (16 Hours DM Code Credit)
- ii. Johnstone Supply
 1. HVAC Evacuation & Charging (2 Hours Non-Code Credit, Criteria #6)
 2. HVAC Superheat & Subcooling (2 Hours Non-Code Credit, Criteria #6)
- iii. T.G. Rankin Co.
 1. IOM (Installation Operation & Maintenance) Glentronics PHCC Sump and Battery Backup Sump Pump Systems (1 Hour Non-Code Credit, Criteria #6)
- iv. Fire Smarts, LLC
 1. Fire Pump Training and Analysis (4 Hours Non-Code Credit, Criteria #6)
 2. Introduction to Fire Sprinkler Systems (4 Hours Non-Code Credit, Criteria #6)
 3. NFPA 25 Step by Step Testing Procedures (4 Hours Non-Code Credit, Criteria #6)
- v. National Sales Company – Applied Products Group
 1. VRY System Installation, Start-Up Commissioning (8 Hours Non-Code Credit, Criteria #6)

Old Business

- A. Paul Brown with Paul Brown Builders, LLC Class C license was reinstated. Jim Brown motioned to approve. David Elliott seconded the motion. Motion past without dissent.
- B. Jim Sherman updated the Review Board on the Fire Alarm research.

New Business

- A. Post Spring Education Seminar Discussion / Update on 2020 Date still being reviewed; will have more information for future CLRB meeting.
- B. Eliot Alpert – Bachelor of Arts/Architectural Studies degree – approved for licensing with Johnson County by Program manager, Jim Sherman.
- C. Paul Colvin – Bachelor of Architecture Studies degree – approved for licensing with Johnson County by Program manager, Jim Sherman.

- D. Century Fire Sprinklers Inc. – Requesting Class “DM” license to be reclassified to a Class “DF” - resolved by Jim Sherman after extensive research granting the company a “DF” license.
- E. Rodolfo Cesena Jr. - ProV Florida Master Electrical Exam, was tabled until next meeting, pending further research.

Adjournment

With no further business before the Board, the meeting was adjourned at 4:25. The next regular scheduled meeting will be Wednesday, July 10, 2019 at 3:30 p.m., in the Johnson County Administration Building, Room 211. 111 South Cherry Street, Olathe, Kansas 66061.

REQUEST FOR EDUCATION ACCREDITATION

Application for Code Credit Course

CLASS INFORMATION

Class Title: Covering the Codes

Code credit can only be given to classes based in construction codes adopted by Johnson County jurisdictions.

Code and Edition: IBC 2012 IRC 2012 IECC

Code Section/Chapter/Article Taught: Chapter 15, 12, Chapter 9 Section C402

Instructor: Mark Graham

Attach instructor's detailed resume or complete pages 2 and 3.

Sponsoring Group: Kansas Roofing Association

Contact Person: Kim Swartzendruber

Mailing Address: PO Box 4406

City/State/Zip: Lawrence KS 66046

Phone (785) 393-4478 Fax No: (785) 391-1281

Location of Class: Overland Park, KS On-site Instructed

Date of Class: October 10, 2019 Hours of Instruction: 1.5 hrs.

Date Completed: October 10, 2019 Date Mailed/Submitted: 6/29/19

CONTRACTOR OR QUALIFYING INDIVIDUAL IF REQUESTING INDIVIDUAL CREDIT

Name: SPONSOR License: # _____

Company Name: _____

Address: _____

City/State/Zip: _____ E-Mail: _____

Phone: () _____ Fax No: () _____

The Education Committee meets the second Wednesday of each month, except during seminar months. Complete application packages must be received not later than the last business day of the month in order to be placed on the following month's meeting agenda. A completed application package includes the application, instructor's bio, course description, and sample attendance certificate. Applications may be mailed to Amber Clark, c/o Contractor Licensing, 111 S. Cherry Suite 1000, Olathe, KS 66061, or e-mailed to amclark@kscontractor.org.

If you have questions, please call the Contractor Licensing office, 913-715-2233.

TO BE COMPLETED BY STAFF

Date: JULY 1 2019 Hours: 1.5 CODE DR

Approved Denied

Approver: [Signature] Comments: _____

Course Identification # 19-083 Course VB # _____

Scanned: _____ Letter: _____

Contractor
Licensing

Instructor Information

Contact Information

Name Mark Graham Date 6/29/19
Address _____
City _____ State _____ Zip _____
Phone _____ Mobile Phone _____
Fax _____ E-mail mgraham@nrca.net

Business Information

Company Name National Roofing Contractors Assn.
Address 10255 W Higgins Rd.
City Chicago State IL Zip 60618
Phone 847.299.4070 Fax _____
Instructor E-mail mgraham@nrca.net
Direct all correspondence to: Home Address Business Address E-Mail

Education

Associate's Degree: _____
Bachelor's Degree: Milwaukee School of Engineering 1981-84
Master's Degree: _____
Certifications: _____
Relevant registrations or licenses: _____

Other relevant knowledge or trade experience:
Long history of involvement in:
- ASTM
- ICC
- NRCA
- ASHRAE

Contractor
Licensing

Have you ever attended a Train-the-Trainer or similar type of course? Yes No

If yes, please indicate name of course, when and where you attended.

CERTA (Trach training)

Have you ever participated in training or course materials development? Yes No

If yes, please indicate what course(s).

ASTM standards
Code development / hearings
Professional development programs (NRCA)

Have you ever served on a certification program development committee? Yes No

If yes please indicate type of program.

Please check the box that best describes your training or teaching experience:

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction or the trades.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction code enforcement.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes the number of participants you have instructed in a single class.

None Less than 20 participants 21-30 participants 31-100 participants

Areas of expertise:

Technical issues / Product issues in roofing industry
Code development
Standards development

List other courses you are qualified to teach:

Code classes
CERTA training

Title: Covering the Codes

Speaker: Mark Graham, Technical Services Director, National Roofing Contractors Association

Learning Objective: Gain working knowledge of why codes are developed, how codes impact roofing components and roof design, technology based code innovations and future of codes development.

Learning Points:

Understanding the IBC, IRC, IECC and codes and their relations to the roofing process.

Implementing codes into roof design

How codes impact steep slope/residential roofing

Building envelope

Future code changes

Role of codes in future smart building techniques

Review of code adoptions in Kansas and the metro area

Presentation Length: 1.5 Hours

Handouts: PowerPoint Presentation
NRCA Guidelines for Complying with Building Code Requirements
Kansas – Codes in Various Cities and Municipalities



Kansas Roofing Association

Presents

Certificate of Attendance

To

(First Name) (Last Name)
(Company Name)

Fall Education Conference

October 10, 2019 – Doubletree by Hilton, Overland Park

(Session 1)

(Session 2)

(Session 3)

(Session 4)

(Session 5)

Total Hours: ()

Executive Director: _____

Kim Swartzendruber

Kansas Roofing Association – PO Box 4406 - Lawrence, KS 66046 - 785/393-4478 - www.kansasroofingassociation.org

REQUEST FOR EDUCATION ACCREDITATION

Application for Code Credit Course

CLASS INFORMATION

Class Title: Technical Update

Code credit can only be given to classes based in construction codes adopted by Johnson County jurisdictions.

Code and Edition: IBC 2012 - Chapters 12, 13, 15, 16 IECC- Reflectivity

Code Section/Chapter/Article Taught: - Various -

Instructor: Mark Graham

Attach instructor's detailed resume or complete pages 2 and 3.

Sponsoring Group: Kansas Roofing Association

Contact Person: Kim Swartzendrubel

Mailing Address: PO Box 4406

City/State/Zip: Lawrence KS 66046

Phone (785) 393-4478 Fax No: (785) 391-1281

Location of Class: Overland Park, KS On-site Instructed

Date of Class: October 10, 2019 Hours of Instruction: 1.5

Date Completed: October 10, 2019 Date Mailed/Submitted: 6/29/19

CONTRACTOR OR QUALIFYING INDIVIDUAL IF REQUESTING INDIVIDUAL CREDIT

Name: SPONSOR License: # _____

Company Name: _____

Address: _____

City/State/Zip: _____ E-Mail: _____

Phone: () _____ Fax No: () _____

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If you have questions, please call the Contractor Licensing office, 913-715-2233.

TO BE COMPLETED BY STAFF

Date: JULY 1 2019 Hours: 1.5 CODE DR

Approved Denied

Comments: _____

Approver: [Signature]

Course Identification # 19-024 Course VB # _____

Scanned: _____ Letter: _____

Contractor
Licensing

Instructor Information

Contact Information

Name MARK Graham Date 1/10/13
Address _____
City _____ State _____ Zip _____
Phone _____ Mobile Phone _____
Fax _____ E-mail mgraham@nrca.net

Business Information

Company Name National Roofing Contractors Assn.
Address 10255 W Higgins Rd.
City Chicago State IL Zip 60618
Phone 847.299.4070 Fax _____
Instructor E-mail mgraham@nrca.net
Direct all correspondence to: Home Address Business Address E-Mail

Education

Associate's Degree: _____
Bachelor's Degree: Millwaukee School of Engineering 1981-84
Master's Degree: _____
Certifications: _____
Relevant registrations or licenses: _____

Other relevant knowledge or trade experience:
Long history of involvement in:
- ASTM
- ICC
- NRCA
- ASHRAE

Contractor
Licensing

Have you ever attended a Train-the-Trainer or similar type of course? Yes No

If yes, please indicate name of course, when and where you attended.

CERTA (Tech training)

Have you ever participated in training or course materials development? Yes No

If yes, please indicate what course(s).

ASTM standards
Code development / hearings
Professional development programs (NRC)

Have you ever served on a certification program development committee? Yes No

If yes please indicate type of program.

Please check the box that best describes your training or teaching experience:

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction or the trades.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction code enforcement.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes the number of participants you have instructed in a single class.

None Less than 20 participants 21-30 participants 31-100 participants

Areas of expertise:

Technical issues / Product issues in roofing industry
Code development
Standards development

List other courses you are qualified to teach:

Code classes
CERTA training

Title: Technical Update

Speaker: Mark Graham, Technical Services Director, National Roofing Contractors Association

Learning Objective: Learn areas of concern within the industry relative to building envelope and roof interactions, obtain testing results from various and recent industry studies, understand industry concerns with various materials and products. Discussion of "in the field" observations and best practices for on-the-spot decisions.

Learning Points:

Roof testing observations
Roofing over structural light-weight concrete decks
Reflectivity
Technical issues in today's roofing systems
Roof insulation facers
R-Value testing
NRCA test results on various test projects

Presentation Lengths:

1.5 Hours

Presentation Method:

PowerPoint Presentation
Best Practices Discussion
Q&A



Kansas Roofing Association

Presents

Certificate of Attendance

To

(First Name) (Last Name)
(Company Name)

Fall Education Conference

October 10, 2019 – Doubletree by Hilton, Overland Park

(Session 1)

(Session 2)

(Session 3)

(Session 4)

(Session 5)

Total Hours: ()

Executive Director: _____

Kim Swartzendruber

Kansas Roofing Association – PO Box 4406 - Lawrence, KS 66046 – 785/393-4478 - www.kansasroofingassociation.org

REQUEST FOR EDUCATION ACCREDITATION

Application for Code Credit Course

CLASS INFORMATION

Class Title: 1 & 2 Family Dwellings - Personnel Protection - 2017 NEC

Code credit can only be given to classes based in construction codes adopted by Johnson County jurisdictions.

Code and Edition: NEC 2017 (Presentation is developed by IAEI)

Code Section/Chapter/Article Taught: NEC 210 - Branch Circuits

Instructor: Phil Burke and Matt Goff

Attach instructor's detailed resume or complete pages 2 and 3.

Sponsoring Group: International Association of Electrical Inspectors - Missouri-Kansas Chapter

Contact Person: Jeff Taylor

Mailing Address: 15200 Santa Fe Trail Dr - Suite 204

City/State/Zip: Lenexa, KS 66219

Phone (913) 634-2591 Fax No: () None

Location of Class: Electrical Joint Apprenticeship Training center On-site Instructed

Date of Class: TBD - Targeted 8/2/19 or 8/9/19 Hours of Instruction: 4

Date Completed: 8/2/19 or 8/9/19 Date Mailed/Submitted: 6/21/2019

CONTRACTOR OR QUALIFYING INDIVIDUAL IF REQUESTING INDIVIDUAL CREDIT

Name: _____ License: # _____

Company Name: _____

Address: _____

City/State/Zip: _____ E-Mail : _____

Phone:() _____ Fax No: () _____

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If you have questions, please call the Contractor Licensing office, 913-715-2233.

TO BE COMPLETED BY STAFF	
Date: <u>JULY 1 2019</u>	Hours <u>4</u> CODE <u>DE</u>
Approved <input checked="" type="checkbox"/> Denied <input type="checkbox"/>	Comments: _____
Approver <u>[Signature]</u>	_____
Course Identification # <u>19-081</u>	Course VB # _____
Scanned: _____	Letter: _____

Instructor Information

Contact Information

Name MATTHEW GOFF Date 6.17.19
Address 9118 E 90th TR
City KANSAS CITY State MO Zip 64138
Phone _____ Mobile Phone 816 567 5748
Fax _____ E-mail Matthewgoff90@gmail.com
Matthew.Goff@kemo.org

Business Information

Company Name Brothers Electric LLC
Address 9118 E 90th TR
City KANSAS CITY State MO Zip 64138
Phone Cell 816 567 5748 Fax _____
Instructor E-mail Matthewgoff90@gmail.com
Direct all correspondence to: Home Address Business Address E-Mail

Education

Associate's Degree: GENERAL STUDIES, Electronic Service Tech, Industrial Tech.
Bachelor's Degree: _____
Master's Degree: _____
Certifications: _____
Relevant registrations or licenses: _____

Other relevant knowledge or trade experience: _____

**Contractor
Licensing**

111 S. Cherry St., Suite 1000, Olathe, Kansas 66061
Telephone (913) 715-2289 - Fax (913) 715-2232

Matt Goff - page 2

Have you ever attended a Train-the-Trainer or similar type of course? Yes No
If yes, please indicate name of course, when and where you attended.

Have you ever participated in training or course materials development? Yes No
If yes, please indicate what course(s).

Have you ever served on a certification program development committee? Yes No
If yes please indicate type of program.

Please check the box that best describes your training or teaching experience:

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction or the trades.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction code enforcement.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes the number of participants you have instructed in a single class.

None Less than 20 participants 21-30 participants 31-100 participants

Areas of expertise:

List other courses you are qualified to teach:

Electrical

MATTHEW A. GOFF

Master Electrician

9118 E. 90th terrace
Kansas City, MO 6413

ICC Certified Electrical and Res. Building Inspector

816-564-5748

WORK HISTORY

Kansas City, MO, Development Services - July 15, 2013 - Present
New Codes Inspector for City Planning and Development
Elevator Inspector - May 2018 - Present

Vatterott College, Kansas City, MO - Aug 2009 - Jul 2013
Instructor for Residential 2

Home Depot, Kansas City, MO - May 2008 - February 2010
Master specialist in the electrical department - Work with customers and contractors, as well as regular department requirements

Associated Builders and Contractors, City of Kansas City, MO - Sep. 2011 - Present
Instructor, teaching core and Level one.

Conklin Company Inc., Kansas City, MO - April 2, 2007 - May 2008
Install, troubleshoot and repair electrical system as well as, general maintenance. Provide permits as needed.

Brothers Electric, LLC Independence, Missouri - January 1, 2003 through present (new company)
Self-employed Electrician, residential, commercial, industrial

CEI Electrical & Mechanical Inc. Kansas City, Missouri - June 1998 to August 2000
Electrical, wiring of Commercial and Industrial

Williams Electric Kansas City, Missouri June 1996 - March 1998 Residential and Commercial Electrical wiring

Electrical Innovations, LLC. Portland, Ore May 1992 - June 1996. Rough in wiring to finish wiring of new single Family, Townhouses and assisted living facilities.

FORMAL EDUCATION, DEGREES, AND LICENSES

NCPCCL, Plumbing Residential Inspector, May 1, 2014

NCPCCL, Mechanical Residential Inspector, September 10, 2014

ICC certified Residential Building Inspector, March 15, 2015

ICC Certified Electrical Inspector, June, 2006 (International Code Council)

Master's License for the City of Blue Springs, Missouri - July 1999 (Block & Associates 6-hour standard examination)

(Licensed in: *Missouri*: Independence, Liberty, St. Joseph, and Raytown - *Kansas*: Kansas City, Johnson County)

Journeyman's License for the State of Oregon - June 1996 (#15614J)

Associate Degree in Industrial Technology - Fall 1992 to Summer 1996 - Clackamas Community College, Clackamas, Oregon

*Obtained approximately 500 classroom hours *Obtained approximately 8,500 job-site hours

Associate Degree in Electronic Service Technology - 1986 - Portland Community College, Portland, Oregon

Associate Degree in General Studies - 1984 - Portland Community College, Portland, Oregon

Instructor Information

Contact Information

Name Phil Burke Date 6/12/19
Address 13113 Hwy 116
City Cummins State Ks Zip 66016
Phone 913-886-6253 Mobile Phone 913-360-0336
Fax NA E-mail burke phil 93@gmail.com

Business Information

Company Name City of Atchison
Address 515 Kansas Ave
City Atchison State Ks Zip 66002
Phone 913-367-5560 Fax 913-367-3092
Instructor E-mail philb@cityofatchison.com
Direct all correspondence to: Home Address Business Address E-Mail

Education

Associate's Degree: Equin through PSU for Technical Teaching non-papered
Bachelor's Degree: _____
Master's Degree: _____
Certifications: NEKA Technical College Electrical Technology
Relevant registrations or licenses: Black and Asse. Master Electrician,
Residential Combination ICC, Electrical, Mechanical, Plumbing ICC
HVAC training through Hilliard Tech in St. Joseph

Other relevant knowledge or trade experience: 13+ years teaching at Tech college,
Kansas licensed instructor, almost 40 years in electrical trade,
apprentice, journeyman, master, contractor, business owner

Contractor
Licensing

111 S. Cherry St., Suite 1000, Olathe, Kansas 66061
Telephone (913) 715-2233 - Fax (913) 715-2232

Phil Burke - page 2

Have you ever attended a Train-the-Trainer or similar type of course? Yes No

If yes, please indicate name of course, when and where you attended.

Extension and on campus through PSU in Pittsburg KS
On campus through KU for asbestos abatement for employees

Have you ever participated in training or course materials development? Yes No

If yes, please indicate what course(s).

30+ college hours in technical teacher training
in and off campus, some remote site as well

Have you ever served on a certification program development committee? Yes No

If yes please indicate type of program.

Developed curriculum on various trade classes
State of Kc evaluation team for electrical programs within
the State, Alternate for ICC test development in electrical

Please check the box that best describes your training or teaching experience:

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction or the trades.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction code enforcement.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes the number of participants you have instructed in a single class.

None Less than 20 participants 21-30 participants 31-100 participants

Areas of expertise:

Electrical, Residential Code, Mechanical, Plumbing,

List other courses you are qualified to teach:

All aspects of Electrical - Basic Theory to Controls, Code
HVAC per IRC or IMC
IRC topics, general requirements etc.

Presentation Delivery:

Training Presentation provides PowerPoint format training materials to assist those involved with designing, installing, inspecting and maintaining residential systems.

One and Two-Family Dwelling Electrical Systems - Course Description

IAEI One and Two-Family Electrical Systems explains the design, installation and inspection of electrical systems in new and existing one and two-family dwellings based on the 2017 National Electrical Code® (NEC). The presentation covers the subject in detail with photos and diagrams as it pertains to the appropriate residential sections of the 2017 NEC:

Learning Objectives and Topics:

- Define GFCI
- Identify all GFCI required locations
- Define AFCI
- Identify all AFCI required locations
- Discuss AFCI exceptions with Fire Alarm Systems
- Discuss AFCI and Existing Conditions and Modifications
- Define Tamper-Resistant Receptacles
- Identify all TR Receptacle locations
- Define Branch Circuit
- Branch circuits and feeders and their wiring methods including overcurrent protection
- General lighting circuits, small appliance branch circuits, receptacle spacing, etc.
- Location requirements for luminaires, receptacles, and switches

Student Evaluation:

The International Association of Electrical Inspectors awards IACET CEU/contact hours based on attendance confirmation through a sign-in sheet and participation in class discussion. IAEI does not have a test developed for this material.

These CEU/contact hours are also accredited/acknowledged by ICC (International Code Council)

Training Time-Line

Friday August 9, 2019

7:30 - 8:00

Registration -- (Coffee & Rolls)

7:30 – 8:00

IAEI Business Meeting Call to Order by President Alex Kunellis

Pledge of Allegiance

Announcements by President Alex Kunellis & appointment of Standing Committees members from the floor.

The Nominating Committee & The Audit Committee

Chapter Reports:

- IAEI Report from the International Office Representative
- IAEI Report from the Chapter Western Section
- Report from the Chapter Treasurer
- Report from the Chapter Audit Committee
- Report from the Nominating Committee.
- Vote of Officers and Board of Directors
- Swearing in of Chapter Officers and Board Members.

New Business--

Old Business—

Motion for adjournment

8:00 – 10:00

1 & 2 Family Dwelling Electrical Systems, 2017 NEC®

Matt Goff - Presenter

10:00 -10:15

Break .

10:15 – 12:15

Continuation of 1 & 2 Family Dwelling Electrical Systems, 2017 NEC®

Phil Burke - Presenter

12:15

Adjournment and *thank you for your participation*

IAEI *International Association of Electrical Inspectors*

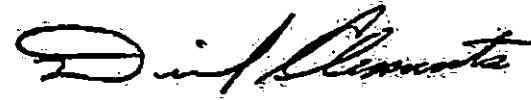
This Is To Certify That

Sample Student

has satisfactorily completed Continuing Education Unit:

1 & 2 Family Dwellings - Personnel Protection - 2017 NEC

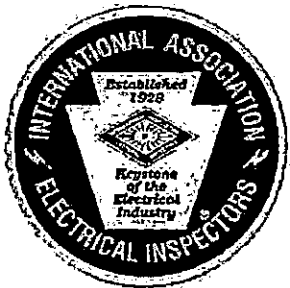
CEO / Executive Director



Date August 9, 2019

Contact Hours 4

ICC Preferred Provider # TBD
ICC Course # TBD



REQUEST FOR EDUCATION ACCREDITATION

Application for Code Credit Course

CLASS INFORMATION

Class Title: Proper selection and charging procedures for R22 replacement blends

Code credit can only be given to classes based in construction codes adopted by Johnson County jurisdictions.

Code and Edition: 2012 IMC

Code Section/Chapter/Article Taught: chapter11, sections 1101, 1102, 1103, 1108 & 1109

Instructor: Kevin Morris

Attach instructor's detailed resume or complete pages 2 and 3.

Sponsoring Group: Thermal Mechanics Inc.

Contact Person: Kevin Morris

Mailing Address: 8014 Flint

City/State/Zip: Lenexa KS 66215

Phone: (816-298-6281) Fax No: () 636-532-7318

Location of Class: various On-site Instructed

Date of Class: Various Hours of Instruction: 3

Date Completed: various Date Mailed/Submitted: 11/17/2018

CONTRACTOR OR QUALIFYING INDIVIDUAL IF REQUESTING INDIVIDUAL CREDIT

Name: _____ License: # _____

Company Name: _____

Address: _____

City/State/Zip: _____ E-Mail : _____

Phone:() _____ Fax No: () _____

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If you have questions, please call the Contractor Licensing office, 913-715-2233.

TO BE COMPLETED BY STAFF	
Date: <u>JULY 3 2019</u>	Hours: <u>3</u> CODE <u>DM</u>
Approved <input checked="" type="checkbox"/> _____ Denied <input type="checkbox"/> _____	Comments: _____
Approver: <u>[Signature]</u>	_____
Course Identification # <u>19-082</u>	Course VB # _____
Scanned: _____	Letter: _____

Instructor Information

Contact Information

Name Kevin Morris Date 06/28/19
Address 8014 Flint
City Lenexa State KS Zip 66215
Phone 816-298-6281 Mobile Phone 816-896-7966
Fax 636-532-7318 E-mail kevin.morris@tmi-asg.com

Business Information

Company Name Thermal Mechanics Inc.
Address 8014 Flint
City Lenexa State KS Zip 66215
Phone 816-298-6281 Fax 636-532-7318
Instructor E-mail kevin.morris@tmi-asg.com
Direct all correspondence to: Home Address Business Address E-Mail

Education

Associate's Degree: none
Bachelor's Degree: none
Master's Degree: none
Certifications: Purdue University in Industrial Distribution
Relevant registrations or licenses: _____

Other relevant knowledge or trade experience: 30 years in the HVACR industry

**Contractor
Licensing**

111 S. Cherry St., Suite 1000, Olathe, Kansas 66061
Telephone (913) 715-2233 – Fax (913) 715-2232

Have you ever attended a Train-the-Trainer or similar type of course? Yes No

If yes, please indicate name of course, when and where you attended.

Dale Carnegie train the trainer as well at JCCC 1986

Have you ever participated in training or course materials development? Yes No

If yes, please indicate what course(s).

refrigerants, epa certification DOE compliance, basic refrigeration and several others

Have you ever served on a certification program development committee? Yes No

If yes please indicate type of program.

Refrigerants, flammable refrigerants

Please check the box that best describes your training or teaching experience:

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction or the trades.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes your experience in construction code enforcement.

None Less than 1 year 1-5 years 5-10 years 10+years

Please check the box that best describes the number of participants you have instructed in a single class.

None Less than 20 participants 21-30 participants 31-100 participants

Areas of expertise:

HVAC, Refrigeration, EPA regulations,

List other courses you are qualified to teach:

controls, VAV, alternative refrigerants, basic motor, etc.

Kevin Morris works for Thermal Mechanics ASG in Lenexa, Kan. A 27-year veteran of the HVAC industry, Morris is the Kansas city branch manager for Thermal mechanics Inc. Morris served as the Heating, Air conditioning and Refrigeration Distributors International Education Committee co-chairman and is active with the KC Chapter of U.S. Green Building Council as well as served as President for the local ASHRAE (American Society of Heating, Refrigeration, and Air Conditioning Engineers) Morris is active in the Johnson County Codes KS Contractor Licensing Program. Kevin is gifted communicator who will successfully share his success in the trade and service aspects of his industry and the marketplace. Morris received his certification from Purdue University in industrial distribution. He can be reached at Kevin.morris@TMI-ASG.com

Class Synopsis

Proper selection and charging procedures for R22 replacement blends

This Three-hour course will provide contractors with knowledge needed to prepare long term plans to move away from HCFCs & HFCs in our industry. This course will be centered around the proper use of R-22 replacement blends.

The removal of CFCs & HCFCs and HFCs from our market place

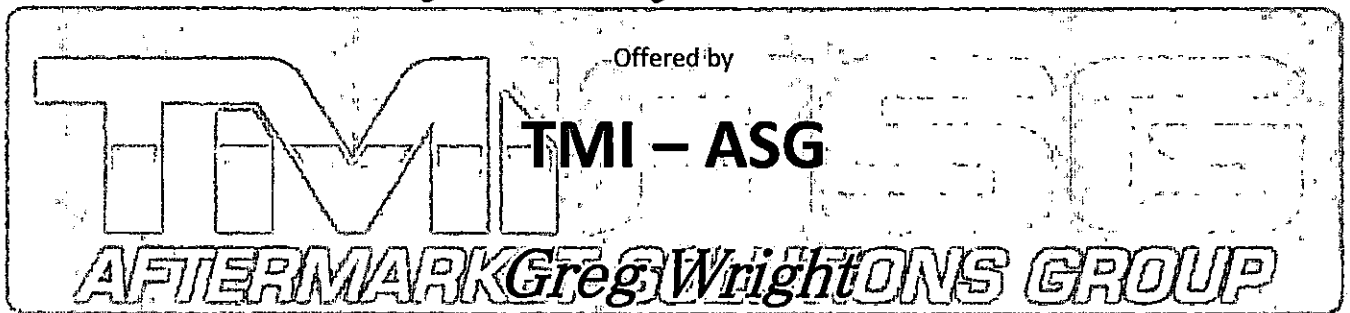
- Newest SNAP regulations and how they affect your business
- Replacement refrigerants for R404A, 407C & 410A
- Hydrocarbon (HC) refrigerants and their long-term effect;

In response to the combination of growing demand and new regulatory challenges, the major refrigerant producers have created a number of blends of HFCs and new fourth generation refrigerants called hydrofluoroolefins (HFOs). Hydrocarbon (HC).

Proper Refrigerant Recovery



Certificate of Completion



Has completed 3 hours of Proper Refrigerant recovery training course

Instructor: Kevin Morris

Thermal Mechanics Inc.
Representative

March 8th 2019